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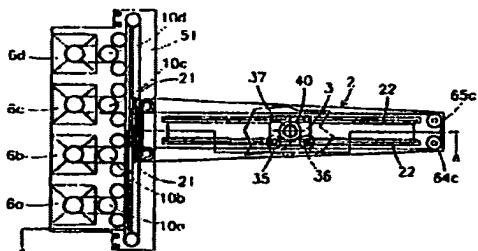
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(57) Abstract: A robot for gripping and handling one or more objects, which robot comprises a stationary base with a first guide extending in a first direction, and an arm comprising a second guide extending in a second direction at an angle relative to the first direction, preferably perpendicularly to the first direction, which arm is connected to the base by way of the first guide in such a way that the arm is movable in the first direction. A slide is provided on the second guide and is movable in the second direction. A gripper supported by the slide, for gripping one or more objects, is movable in a third direction intersecting the plane of the first and second directions, preferably perpendicularly. A number of stationary actuators are provided on the base, for driving the arm, the slide and the gripper by means of pulling elements, for example drive belts, which are connected to the arm, the slide and the gripper respectively. The gripper is situated in an imaginary plane extending in the second and third directions and intersecting the central longitudinal axis of the arm.